

**Study Guide**  
**For**  
**West Virginia Underground Storage Tank System Repair**  
**Technician Certification**

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This Document has been prepared in conjunction with the West Virginia Department of  
Environmental Protection by:  
Marshall University Center for Environmental, Geotechnical and Applied Sciences  
One John Marshall Drive, Huntington, WV 25755-2585

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## **Suggestions for Using This Study Guide**

This study guide is intended to help you prepare for West Virginia's Underground Storage Tank System Repair Technician Exam. The study guide consists of an extensive list of questions together with the documents in which the answers to the questions can be found. All of the questions from a specific document are grouped together in the study guide. After each question, the document section or page number where the answer can be found is given in parentheses. The process of reading the question, finding the answer, and writing the answer in your study guide will help you learn and remember the information you need to know to pass the certification examination.

The actual certification exam will include only the material covered in these study questions. The only difference is that the exam will be in multiple choice format. The exam will be open book. During the examination, you may refer to this study guide and any other reference materials that you wish. You are cautioned, however, that you will not have sufficient time to look up the answers to all of the exam questions. You should be thoroughly familiar with the materials in this study guide before you take the examination.

The study guide is based on a number of industry publications and manufacturers' literature. The use of these documents does not constitute endorsement of specific products by the West Virginia Department of Environmental Protection. These documents are used here as representative, authoritative sources of information regarding proper procedures for making repairs on underground storage systems.

## **Suggested Study Guide Documents for the West Virginia Underground Storage Tank System Repair Technician Exam**

### **Study Documents**

PEI/RP1200-12 — "Recommended Practices for the Testing and Verification of Spill, Overfill, Leak Detection and Secondary Containment Equipment at UST Facilities"

PEI/RP100-11 — "Recommended Practices for Installation of Underground Liquid Storage Systems"

National Institute for Occupational Safety and Health (NIOSH) — "Working in Confined Spaces" (Publication 80-106)

*OSHA - Permit Required Confined Spaces, 29 CFR 1910.146, Subpart J*

*OSHA — Lockout / Tagout 29 CFR 1910.147*

Federal Underground Storage Tank Regulations:  
(40 CFR 280.12 through 280.53)

National Fire Protection Association (NFPA) 30A — "Code for Motor Fuel Dispensing Facilities and Repair Garages", Chapter 5 and 6 (2012 Edition)

WVDEP — "Miscellaneous Testing Report Form" — Revised 7/19/2010

It is highly recommended that you obtain a copy of each of the study guides to review prior to taking the examination. Some of the study guides are free publications, and are being provided as a courtesy to you by the WVDEP. For study guides that must be purchased, we have included information on where they can be obtained. Please note that information on purchasing study guide materials may change at any time. For this reason the purchasing information provided may not be correct. **It is the sole responsibility of the applicant to obtain the necessary study guide materials to prepare for this exam.**

PEI/RP1200-12 — "Recommended Practices for the Testing and Verification of Spill, Overfill, Leak Detection and Secondary Containment Equipment at UST Facilities", 2012 (Petroleum Equipment Institute)

-Must be purchased from Petroleum Equipment Institute, P.O. Box 2380, Tulsa OK 74101  
Phone 918/494-9696 <http://www.pei.org>, see "Publications & Resources" tab

PEI/RP100-11 — "Recommended Practices for Installation of Underground Liquid Storage Systems" (2011)

-Must be purchased from Petroleum Equipment Institute, P.O. Box 2380, Tulsa, OK 74101  
Phone 918/494-9696 <http://www.pei.org> see "Publications and Resources" tab

National Institute for Occupational Safety and Health (NIOSH) — "Working in Confined Spaces" (Publication 80-106)

-Free document, provided by WVDEP

OSHA - *Permit Required Confined Spaces, 29 CFR 1910.146, Subpart J*

-Free document, provided by WVDEP

OSHA — Lockout / Tagout 29 CFR 1910.147 Lockout / Tagout

-Free document, provided by WVDEP

Federal Underground Storage Tank Regulations:  
(40 CFR 280.12 through 280.53)

– Free document, provided by WVDEP

National Fire Protection Association (NFPA) 30A — "Code for Motor Fuel Dispensing Facilities and Repair Garages", Chapter 5 and 6 (2012 Edition)

– Must be obtained from the National Fire Protection Association (NFPA), available at:  
<http://www.nfpa.org> see "Codes & Standards" tab, or phone 800-344-3555 for customer sales

West Virginia — "Miscellaneous Testing Report Form"

-Free document, provided by WVDEP

# **"Recommended Practices for the Testing and Verification of Spill, Overfill, Leak Detection and Secondary Containment Equipment at UST Facilities"**

**(PEI/RP1200-12, Petroleum Equipment Institute, 2012)**

*(Study Guide Questions for West Virginia Underground Storage Tank System Repair Technician Exam)*

1. What type of equipment should be worn to minimize the risk of exposure to potentially toxic chemicals in petroleum products? (PEI/RP1200-12, Section 3.2)
  
2. What action should be taken if motor fuel comes into contact with eye tissue? (PEI/RP1200-12, Section 3.2)
  
3. In the event motor fuels are swallowed, what is the correct procedure to follow? (PEI/RP1200-12, Section 3.2)
  
4. What hazards can improperly wired, worn or unprotected electrical equipment create? (PEI/RP1200-12, Section 3.3)
  
5. What OSHA requirement must qualified persons understand and comply with when servicing electrical equipment? (PEI/RP1200-12, Section 3.3)

6. According to PEI/RP1200-12, what safety precautions should be observed when working in any area where fuel vapors may be present? (PEI/RP1200-12, Section 3.4)
  
6. Identify the precautions listed in PEI/RP1200-12 which should be taken by a repair technician as a precaution to any fire hazard. (PEI/RP1200-12, Section 3.4)
  
7. PEI/RP1200-12 cautions that UST system containment sumps may be large enough to present hazards associated with what OSHA standard? (PEI/RP1200-12, Section 3.7)
  
8. Spills may occur during maintenance, testing or repair activities on an UST system. What does PEI/RP1200-12 recommend to be readily available at the facility in the event of a spill? (PEI/RP1200-12, Section 3.9)
  
9. Spill cleanup materials are to be used in the event a spill occurs at an UST site. PEI/RP1200-12 states contaminated materials used for spill cleanup should **not** be stored at what location? (PEI/RP1200-12, Section 3.9)
  
10. When working on an UST system with vehicle traffic nearby, PEI/RP1200-12 suggests workers should wear what type of garment? (PEI/RP1200-12, Section 3.10)

12. What is the "pass" criteria when inspecting a ball float valve used for overfill prevention? (PEI/RP1200-12, section 7.2.7)
13. What is the "pass" criteria when inspecting an overfill alarm device used for overfill prevention? (PEI/RP1200-12, Section 7.3.1, 7.3.7)
14. At what elevation are shear valves, also known as emergency shut-off valves, crash valves or impact valves, to be located inside each dispenser? (PEI/RP1200-12, Section 10.1)
15. When testing a product shear valve, also called a crash valve, it must be properly anchored to the dispenser box frame or dispenser island. What other criteria must be met in order for the shear valve to pass testing? (PEI/RP1200-12, Section 10.2.6)
16. When testing an emergency stop switch (emergency shutoff switch), the switch must disconnect power to what devices, circuits and equipment in order to pass testing? (PEI/RP1200-12, Section 11.7)

# **"Recommended Practices for Installation of Underground Liquid Storage Systems"**

**(PEI/RP100-11, Petroleum Equipment Institute, 2011)**

*(Study Guide Questions for West Virginia Underground Storage Tank System Repair Technician Exam)*

1. PEI/RP100-11 warns that vent-restriction devices, also called ball float valves, must not be used under what 5 specific conditions? (PEI/RP100-1, Section 7.3.3)

1 .

2 .

3 .

4 .

5 .

2. According to PEI/RP100-11, where should a liquid sensor in a dispenser sump used for leak detection be located? (PEI/RP100-11, Section 8.7)

3. What is the name of the sumps used for reason of extending existing piping systems and creating branches in piping? (PEI/RP100-11, Section 8.6)



4. Satellite dispensers are typically installed at large truck-fueling facilities so that both saddle tanks on a truck can be fueled simultaneously with a single sales transaction. According to PEI/RP100-11, what must the product piping linking the master and satellite dispenser that has been routed underground be monitored for?  
(PEI/RP100-11, Section 9.3.7)
5. According to PEI/RP100-11, galvanized pipe should not be used on tank systems storing what types of petroleum products? (PEI/RP100-11, Section 10.2)
6. PEI/RP100-11 states, as a general rule, piping should slope back towards the tank at what minimum slope? (PEI/RP100-11, Section 10.4)
7. What does PEI/RP-100-11 state is the minimum bury depth for piping in traffic areas?  
(PEI/RP100-11, Section 10.4)
8. Per PEI/RP100-11 guidelines, what are allowable piping backfill materials?  
(PEI/RP100-11, Section 10.5)
9. PEI/RP 100-11 indicates flex connectors can be installed at what locations?  
(PEI/RP100-11, Section 10.6)

10. PEI/RP100-11 states that flexible connectors installed in dispenser or intermediate sumps should be listed for use. (PEI/RP100-11, Section 10.6)
  
11. When does PEI/RP100-11 recommend installing piping unions on metallic piping underground? (PEI/RP100-11, Section 10.8)
  
12. Fill-pipe risers (drop tubes), submersible pumps and suction stubs, per PEI/RP100-11 guidelines, are to be installed with how much clearance from the tank bottom? (PEI/RP100-11, Section 10.13, 10.14 and 10.15)
  
13. Identify the National Fire Protection Association (NFPA) codes that PEI/RP100-11 states may need to be followed regarding electrical equipment installation. (PEI/RP100-11, Section 13.2)
  
14. When working on electrical circuits at an UST site, which OSHA regulation does PEI/RP100-11 state should be followed to prevent accidental energizing of the circuit? (PEI/RP100-11, Section 13.2)

**(National Institute for Occupational Safety and Health {NIOSH},  
December 1979, Publication 80-106)**

1. What are the three conditions that NIOSH uses to define a "confined space"? (NIOSH, p. 1)
2. What is the NIOSH definition of a "Class A" confined space? (NIOSH, p. 1)
3. What is the NIOSH definition of a "Class B" confined space? (NIOSH, p. 1)
4. What is the NIOSH definition of a "Class C" confined space? (NIOSH, p. 1)
5. What is the NIOSH definition of hot work? (NIOSH, p. 2)
6. What is the NIOSH definition of "lower flammable limit"? (NIOSH, p. 2)

7. What is the normal percentage of oxygen in the air at sea level? (NIOSH, p. 2)
  
  
  
  
  
  
  
  
  
  
8. What is the NIOSH definition of "qualified person" as defined by NIOSH?  
(NIOSH, p. 2 and 3)
  
  
  
  
  
  
  
  
  
  
9. What is the NIOSH definition of a standby person? (NIOSH, p. 3)
  
  
  
  
  
  
  
  
  
  
10. Below what percentage of oxygen is a confined space atmosphere rated as Class A? (NIOSH, p. 4)
  
  
  
  
  
  
  
  
  
  
11. Between what percentages of oxygen is a confined space atmosphere rated as Class B? (NIOSH, p. 4)
  
  
  
  
  
  
  
  
  
  
12. Between what percentages of oxygen is an atmosphere rated as Class C? (NIOSH, p. 4)
  
  
  
  
  
  
  
  
  
  
13. Above what percentage of the lower flammable limit (LFL) is an atmosphere rated as Class A? (NIOSH, p. 4)

14. Between what lower flammable limit (LFL) percentage is an atmosphere rated as Class B? (NIOSH, p. 4)
15. Below what lower flammable limit (LFL) percentage is an atmosphere rated as Class C? (NIOSH, p. 4)
16. For which classes of confined space work is a permit from a qualified person required before the space is entered? (NIOSH, p. 5)
17. For which classes of confined space work is atmospheric testing required before the space is entered? (NIOSH, p. 7)
18. For which classes of confined space is training of personnel required before performing confined space entry work? (NIOSH, p. 5)
19. For which classes of confined space entry is a trained standby person always required? What piece of equipment must this standby person have at hand? (NIOSH, p. 6)

20. Who's responsible for securing/completing a confined space entry permit? (NIOSH, p. 6)
21. For what length of time is a confined space entry permit valid? (NIOSH, p. 7)
22. For which classes of confined space entry must there always be someone readily available who is currently trained in cardio-pulmonary resuscitation (CPR) and basic first aid procedures? (NIOSH, p. 8)
23. Who is responsible for training personnel and for the safety of the entire confined space entry operation? (NIOSH, p. 8)
24. Before entering the confined space, what three types of tests must be made to insure that the atmosphere is safe? (NIOSH, p. 9)
25. Hot work is prohibited whenever the atmosphere in the confined space is greater than what percent of the LFL? What additional measurement must be made to be sure that the flammability measurement is correct? (NIOSH, p. 9)
26. Below what percentage of oxygen in a confined space must approved respiratory equipment be used? (NIOSH, p. 10)

27. What are four types of personal protective equipment normally used to protect employees against traumatic injury in confined spaces? (NIOSH, p. 11)
28. What is the result of trying to breathe in an atmosphere where oxygen has been completely displaced by nitrogen? (NIOSH, p. 27)
29. What are the physiologic (physical) effects of breathing in an atmosphere that contains 17 percent oxygen? (NIOSH, p. 27)

# **Occupational Safety and Health Standards (OSHA), Subpart J — General Environmental Controls, "Permit Required Confined Spaces" (OSHA Standard Number 1910.146)**

*(Study Guide Questions for West Virginia Underground Storage Tank System Repair Technician Exam)*

1. Define "confined space" per OSHA 1910.146 guidelines. (OSHA 1910.146 (b))
  
2. Identify the potential causes for a "hazardous atmosphere", according to OSHA 1910.146. (OSHA 1910.146 (b))
  
3. According to OSHA 1910.146, what are the responsibilities of an "entry supervisor"? (OSHA 1910.146 (b))
  
4. Identify the potential characteristics of a "permit-required confined space". (OSHA 1910.146 (b))
  
5. Per OSHA 1910.146 guidelines, when is a written confined permit space program required? (OSHA 1910.146 (c)(4))



6. Per OSHA 1910.146 guidelines, what must the internal atmosphere of a confined space be tested for before entry is allowed? (OSHA 1910.146 (c)(5)(ii)(C))
  
7. Per OSHA 1910.146 guidelines, when using forced air ventilation in a confined space, how long must air ventilation continue? (OSHA 1910.146 (c)(5)(ii)(E)(2))
  
8. According to OSHA 1910.146 guidelines, in the event a hazardous atmosphere is detected in a confined space while occupied by an employee, what must the employee in the confined space immediately do? (OSHA 1910.146 (c)(5)(ii)(G)(1))
  
9. Per OSHA 1910.146 guidelines, list the equipment that the employer is required to make available to employees for entering a confined space.  
(OSHA 1910.146 (d)(4)(i) through (ix))
  
10. Under OSHA 1910.146 guidelines for entry of confined spaces, when is an "attendant" required? (OSHA 1910.146 (d)(6))
  
11. According to OSHA 1910.146, when can entry permits be cancelled?  
(OSHA 1910.146 (e)(5)(i) and (e)(5)(ii))

12. OSHA 1910.146 states that cancelled entry permits must be retained by the employer for how long? (OSHA 1910.146 (e)(6))
13. According to OSHA 1910.146, what information is required to be identified on an entry permit? (OSHA 1910.146 (f)(1) through (f)(14))
14. According to OSHA 1910.146, when are employers required to provide training to employees on confined space entry? (OSHA 1910.146 (g)(2)(i) through (g)(2)(iv))
15. According to OSHA 1910.146, what are the duties of the "attendant"? (OSHA 1910.146 (i)(1) through (i)(10))
16. According to OSHA 1910.146, what are the duties of the "entry supervisor"? (OSHA 1910.146 (j)(1) through (j)(6))
17. According to OSHA 1910.146, when working in confined spaces, when are mechanical devices designed to retrieve personnel required? (OSHA 1910.146 (k)(3)(ii))

18. According to OSHA 1910.146, at least one person on the identified rescue team must hold a current certification in what two health-related areas?  
(OSHA 1910.146 (k)(2)(iii))

**Occupational Safety and Health Standards (OSHA), Subpart J — General  
Environmental Controls, "The Control of Hazardous Energy  
(Lockout/Tagout)"  
(OSHA Standard Number 1910.147)**

*(Study Guide Questions for West Virginia Underground Storage Tank System  
Repair Technician Exam)*

1. OSHA 1910.147 standards applies to the control of energy during \_?  
(OSHA 1910.147 (a)(2)(i))
  
2. What operations are not covered by OSHA 1910.147?  
(OSHA 1910.147 (a)(2)(ii)(A))
  
3. Define "affected employee" according to OSHA  
1910.147. (OSHA 1910.147 (b))
  
4. Define "lockout" and "lockout device" according to OSHA 1910.147.  
(OSHA 1910.147 (b))
  
5. Define "tagout" and "tagout device" according to OSHA 1910.147.  
(OSHA 1910.147 (b))

6. According to OSHA 1910.147, in the event an energy isolating device can't be locked out, what's required? (OSHA 1910.147 (c)(2)(i))
  
7. According to OSHA 1910.147, any newly installed machines and equipment must be designed to accept a \_\_?\_\_ device. (OSHA 1910.147 (c)(2)(iii))
  
8. According to OSHA 1910.147, when can identified lockout/tagout devices be used for other purposes? (OSHA 1910.147 (c)(5)(ii))
  
9. According to OSHA 1910.147, lockout and tagout devices in a facility must be standardized by what allowable methods? (OSHA 1910.147 (c)(5)(ii)(B))
  
10. According to OSHA 1910.147, tagout devices must have what minimum unlocking strength? (OSHA 1910.147 (c)(5)(ii)(C)(2))
  
11. According to OSHA 1910.147, tagout devices must warn against hazardous conditions if the machine or equipment is energized. What are allowable statements that can be used on the legend of the tagout device?(OSHA 1910.147 (c)(5)(iii))

12. According to OSHA 1910.147, an "Energy Control Procedure" must be inspected how often to ensure procedures and requirements of the standard are being followed? (OSHA 1910.147 (c)(6)(i))
13. According to OSHA 1910.147, who can perform the required periodic inspection of an "Energy Control Procedure"? (OSHA 1910.147 (c)(6)(i)(B))
14. According to OSHA 1910.147, who must be instructed in the purpose and use of the "Energy Control Procedure"? (OSHA 1910.147 (c)(7)(i)(B))
15. According to OSHA 1910.147, when can a tagout device attached to an energy isolation device be bypassed or ignored? (OSHA 1910.147 (c)(7)(ii)(B))
16. According to OSHA 1910.147, when is employee retraining required as part of the "Energy Control Procedure"? (OSHA 1910.147 (c)(7)(iii)(A))
17. According to OSHA 1910.147, who can perform lockout or tagout on equipment or machines? (OSHA 1910.147 (c)(8))

18. According to OSHA 1910.147, when tagout devices are used with energy isolating devices designed with the capability of being locked, where must the tag attachment be fastened? (OSHA 1910.147 (d)(4)(iii)(A))
19. According to OSHA 1910.147, when are "affected employees" to be notified that lockout or tagout devices have been removed? (OSHA 1910.147 (e)(2)(ii))
20. Per OSHA 1910.147 guidelines, who, unless unavailable, removes lockout or tagout devices? (OSHA 1910.147 (e)(3))
21. According to OSHA 1910.147, are outside servicing personnel (like contractors) required to follow lockout and tagout procedures? (OSHA 1910.147 (f)(2)(i))

# **Code of Federal Regulations 40 CFR Part 280 "Technical Standards and Corrective Requirements for Owners and Operators of Underground Storage Tanks (UST)"**

*(Study Questions for West Virginia Underground Storage Tank System Repair Technician Exam)*

1. In 40 CFR 280, the definition of "ancillary equipment" means any devices including, but not limited to, such devices as piping, fittings, flanges, valves, and pumps used to distribute, meter, or control the flow of    to and from an UST. (40 CFR 280.12)
  
2. In 40 CFR 280, the definition of "repair" means to    a tank or UST system component that has caused a release of product from the UST system. (40 CFR 280.12)
  
3. 40 CFR 280 states that overfill prevention equipment that automatically shuts off flow into the UST must shut the flow off when the tank is no more than    full. (40 CFR 280.20)
  
4. 40 CFR 280 states that overfill prevention equipment that alerts the transfer operator by restricting the flow into the UST must restrict the flow when the tank is no more than    full. (40 CFR 280.20)
  
5. According to 40 CFR 280 regulations, what must take place when a metal pipe section or associated fitting that has released product as a result of corrosion or other damage has occurred? (40 CFR 280.33)



6. According to 40 CFR 280, when a tank and/or piping component has been repaired, what generally must occur within 30 days of the repair completion date? (40 FR 280.33)
7. 40 CFR 280 regulations require automatic line leak detectors to be tested how often? (40 CFR 280.44)
8. Automatic line leak detectors, per 40 CFR 280 regulations, must be able to detect leaks of \_?\_ gallons per hour at 10 psi line pressure within 1 hour. (40 CFR 280.44)
9. According to 40 CFR 280 regulations, how long must written documentation of all calibration, maintenance, and repair of release detection equipment permanently located on-site be maintained after service work is complete? (40 CFR 280.45)
10. According to 40 CFR 280, if an UST owner or operator suspects a release has occurred from an UST system, how soon must the WVDEP be notified? (40 CFR 280.50)
11. According to 40 CFR 280 regulations, what conditions are considered to be evidence of a suspected release requiring WVDEP notification? (40 CFR 280.50)

12. According to 40 CFR 280 regulations, what size spill or overfill of petroleum must be reported to the WVDEP? (40 CFR 280.53)

13. According to 40 CFR 280 regulations, what must be done in the event a spill or overfill of less than 25 gallons of petroleum occurs that cannot be cleaned up within 24 hours? (40 CFR 280.53)

14. In order to verify that secondary containment systems meet required criteria, testing of system sumps and interstices are required at installation, and how often thereafter? (40CFR 280.35)

15. New or replaced motor fuel dispenser systems must have under-dispenser containment. What components does the motor fuel dispenser system include? (40CFR 280.20)





National Fire Protection Association — NFPA 30A — "Code for Motor Fuel Dispensing Facilities and Repair Garages" (Chapter 5 - Piping for Liquids, Chapter 6 — Fuel Dispensing Systems) — 2012 Edition

*(Study Guide Questions for West Virginia Underground Storage Tank System Repair Technician Exam)*

1. Per NFPA 30A guidelines, piping components made of low melting point materials are permitted to be used without backfill in what types of sumps? (NFPA 30A, Chapter 5.2.7)
  
2. According to NFPA 30A, flexible piping connections must be provided at what locations within the piping system? (NFPA 30A, Chapter 5.3.2.1)
  
3. NFPA 30A states that fiberglass-reinforced plastic (FRP) piping does not require flexible joints if what conditions exist? (NFPA 30A, Chapter 5.3.3)
  
4. According to NFPA 30A, vent piping connected to underground tanks storing Class I liquids (i.e. gasoline) should extend how far above ground?(NFPA 30A, Chapter 5.6.2)
  
5. According to NFPA 30A, when tank vent piping is installed within or attached to a canopy, the vent pipes must be terminated at what height? (NFPA 30A, Chapter 5.6.3)

6. When performing maintenance to dispensing devices and such maintenance is capable of causing accidental release or ignition of liquid, what precautions does NFPA 30A state are to be taken before beginning maintenance work? (NFPA 30A, Chapter 6.3.6.3)
  
7. According to NFPA 30A, fuel dispensing hoses at automotive fuel dispensing facilities are not to exceed what length? (NFPA 30A, Chapter 6.5.1)
  
8. According to NFPA 30A, a listed emergency breakaway device designed to retain liquid on both sides of the breakaway point shall be installed on each hose dispensing what types of liquids? (NFPA 30A, chapter 6.5.2)
  
9. According to NFPA 30A, where should emergency shut off switches be positioned from the fuel dispensing devices that they serve? (NFPA 30A, Chapter 6.7)

## West Virginia Department of Environmental Protection "Miscellaneous Testing Report Form" — Revised 7/19/2010

*(Study Guide Questions for West Virginia Underground Storage Tank System Repair Technician Exam)*

1. The applicable portions of the Miscellaneous Testing Report Form must be completed and provided to the facility owner/operator within ? days of the test date.  
(WVDEP Miscellaneous Testing Report Form, Introduction)
  
2. What facility information is required to be included in the Miscellaneous Testing Report Form? (WVDEP Miscellaneous Testing Report Form, Section A)
  
3. When testing spill buckets, what information is required on the Miscellaneous Testing Report Form? (WVDEP Miscellaneous Testing Report Form, Section C)
  
4. According to the Miscellaneous Testing Report Form, what action must occur if product is delivered to a system with a ball float and a tight fill cannot be achieved or there is a pressure drop on the system?  
(WVDEP Miscellaneous Testing Report Form, Section D)

5. According to the Miscellaneous Testing Report Form, how often are routine testing of sumps and under-dispenser containment required?  
(WVDEP Miscellaneous Testing Report Form, Section E)
5. When testing sumps and under-dispenser containment, the Miscellaneous Testing Report Form indicates, if not using one of the test methods listed on the form, containment sumps being hydrostatically tested must be filled at least 6 inches above the highest penetration, fitting or joint and allowed to stand at least what length of time before beginning the test. (WVDEP Miscellaneous Testing Report Form, Section E)
6. When testing sumps and under-dispenser containment, what information is required to be documented on the Miscellaneous Testing Report Form?  
(WVDEP Miscellaneous Testing Report Form, Section E)
7. When testing sumps and under-dispenser containment, the Miscellaneous Testing Report Form requires the tester to verify that water sensors were properly functioning at what time during the testing procedure?  
(WVDEP Miscellaneous Testing Report Form, Section E)
8. According to the Miscellaneous Testing Report Form, how often are routine testing of interstitial spaces required? (WVDEP Miscellaneous Testing Report Form, Section F)

